



VC-101

Scale & Corrosion Inhibitor

VC-101 merupakan bahan anti kerak dan korosi untuk system pendingin terbuka. Produk ini bekerja pada range pH yang lebar 6 – 10.

- Mampu mencegah terbentuknya kerak Calcium Carbonate.
- Memiliki kemampuan pembentukan senyawa besi kompleks sehingga mencegah pembentukan kerak yang keras.
- Efektif mendispersi partikel partikel pengotor dan oksida besi sehingga permukaan pindah panas tetap bersih.

APLIKASI

Untuk hasil terbaik gunakan pengumpanan secara kontinyu. Gunakan dosing pump yang tahan terhadap bahan asam.

Dosis pengumpanan tergantung kondisi system dan kualitas air yang digunakan sebagai media pendingin. Umumnya dosis yang diperlukan berkisar 5 – 30 ppm terhadap laju penambahan air (make-up water). Dosis lebih tinggi diperlukan jika system banyak terdapat partikel pengotor.

SPESIFIKASI

Rupa : Cairan jernih kekuningan
Sp. Gravity : 1,02 – 1,10
pH (1% lar.) : 2,0 – 3,0
Kelarutan : larut sempurna dalam air

PENANGANAN

Gunakan kaca mata pelindung pada saat penanganan. Hindari kontak dengan kulit dan mata. Jika terkena kulit segera bilas dengan air bersih. Jika terkena mata segera bilas dengan air bersih selama 10 menit. Jika terasa gejala kurang baik segera hubungi dokter.

VC-101 is a multifunctional liquid blend of organic phosphorous compounds, synthetic polymers and aromatic azole which contains no chromate, zinc, borate or any other heavy metal.

VC-101 is used for the control of fouling and corrosion in commercial and industrial recirculating cooling water systems. VC-101 is best utilized in systems where fouling potentials are severe. It is stable across the entire pH range and its activity is not impaired by the presence of electrolytes.

VC-101 has excellent calcium carbonate scale inhibition and complexing iron properties providing maximum protection against hard scale. It acts effectively as a dispersant for particulate matter and suspended iron oxide helping to maintain clean heat transfer surfaces.

In any given treatment program when VC-101 is used as scale inhibitor, in conjunction with other chemical being used for corrosion control, VC-101 will greatly extend the pH range in which the product's optimum functionality is found, and significantly increase its effectiveness.

APPLICATION

For best result, continuous feed of VC-101 is recommended. Use acid resistant feed equipments.

Treatment level of VC-101 will depend upon the nature of the system and fouling conditions. However, for most applications, a continuous treatment level of 5 ppm to 30 ppm, based on make-up water flow rate, is acceptable. Higher treatment levels may be employed for badly fouled systems.

PACKAGING

30 ltr/pail
200 ltr/drum